

[Home](#) [Online Store](#) [Contact Us](#) [Site Map](#) [Search](#)

[What's New?](#) [Products](#) [Service & Support](#) [KnowledgeBase](#) [Company](#)

Wednesday, March 16, 2005

Nerve and Muscle Stimulator

S88X DUAL OUTPUT SQUARE PULSE STIMULATOR

Single, Repetitive and Train Outputs. TTL Synchronization, External Analog Control of Rate

NEW -- The S88X is a dual output, general purpose stimulator for nerve and muscle stimulation procedures. **This new stimulator has touch-pad controls.**

Applications extend from single cell to entire muscle stimulation. The two output channels can be operated independently or synchronized to produce complex paradigms. The outputs are non-isolated constant voltage monophasic or biphasic pulses.

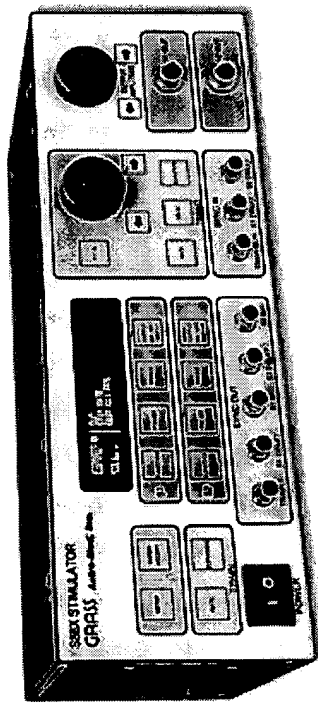
New features include:

- Digital controls -- precise timing accuracy
- Bright display simplifies setup
- Independent or synchronous channel operation
- Monophasic and biphasic modes
- Dual train output
- High current output facilitates field stimulation
- New companion isolation units

ORDERING INFORMATION

Model S88X	Stimulator including manual and power cord
Model S88XRK	Rackmount brackets to mount stimulator in a 19" cabinet
Model S88XBT	Adjustable bench-top stand to mount one stimulator
Model SRS	Stimulate/Record Switching Unit

[Stimulators Table of Contents](#)



S88X Dual Output Stimulator

SPECIFICATIONS

Train Rate (S1 and S2)	1/100 sec to 99 TPS
Train Duration	1 msec to 99 sec
Rate (S1 and S2)	1/100 sec to 1000 PPS
Pulse Delay (S1 and S2)	10 µsec to 99 sec
Pulse Duration (S1 and S2)	10 µsec to 99 sec
Synchronous Outputs	S1, S2, S1 Delay, S2 Delay, Train; Front panel BNC connectors, 50 ohm, TTL, 10 µsec pulses
Synchronous Inputs	Train Duration, S1 Delay, S2 Delay; Front panel BNC connectors, 50 ohm, TTL, 10 µsec pulses
Stimulus Output	10 mV to 24 VDC (monophasic) ±10mV to ±12 VDC (biphasic)
Peak Output Current	1 A

Output Impedance <2 ohms
 Maximum Power Out 24 W peak
 AC Power 115/230 volts, 50/60 Hz, 100 watts maximum
 Physical Size 19" W x 5.25" H x 12.5" D
 (48.3 cm x 13.4 cm x 31.8 cm)
 Weight 10 lbs. (4.5 kg)
 Regulatory Safety: EN 61010-1:2001, UL 61010A-1, CSA C22.2 No. 1010.1-92
 EMC: FCC Part 15, Subpart B, Class A, EN 61326:1998 Class A

[← Previous Page](#)

[↑ Back To Top](#)

[Amplifiers](#) | [Cabinets & Rack Carts](#) | [Cables & Connectors](#) | [Chart Paper & Recording Inks](#) | [Clinical Systems](#)
[Complete Systems](#) | [Direct Writing Recorders](#) | [Electrodes & Application Products](#) | [Maintenance](#) | [Research Software](#) | [Stimulators](#) | [Transducers](#)

[Online Store](#) | [Ordering Information](#) | [Place An Order](#) | [Contact Us](#)

© 2005 Grass-Telefactor. All Rights Reserved.
An Astro-Med, Inc. Product Group